



How to Change Mercedes W123 Power Steering Fluid and Filter

The power steering reservoir on the W123 cars are integral with the pump. Inside, the fluid is worked hard by the power steering system and needs to be changed from time to time. And few seem to know there is a small filter there that needs replacing too.

Written By: Nicolas Siemsen



INTRODUCTION

The most often neglected fluid and filter on the W123 cars is the power steering fluid and power steering filter.

Learn to change yours today, and extend the life of your pump and steering gear box.



TOOLS:

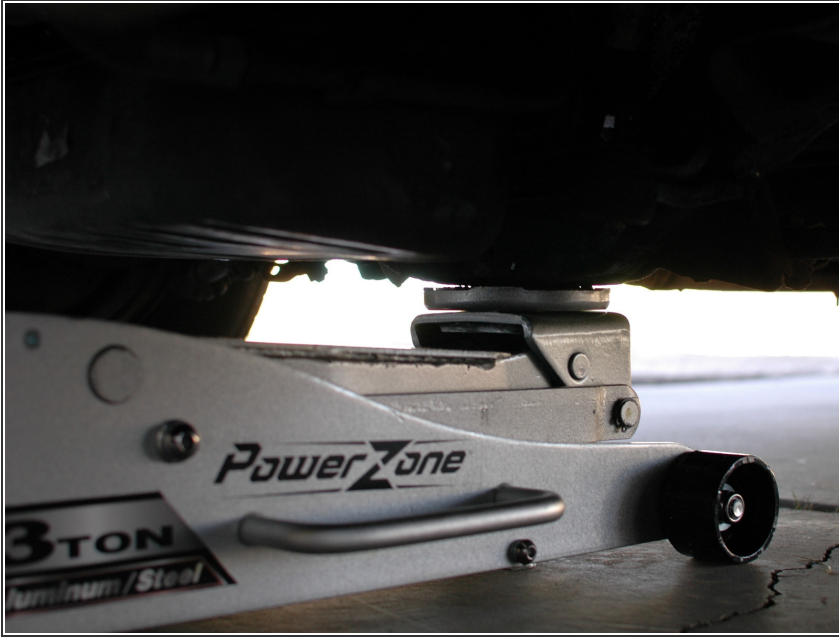
- [Turkey Baster](#) (1)
- [Drain Pan](#) (1)
- [Socket 10mm](#) (1)
- [3/8 inch Drive Socket Ratchet Extension](#) (1)
- [Socket Wrench](#) (1)
- [Large Needle Nose Pliers](#) (1)



PARTS:

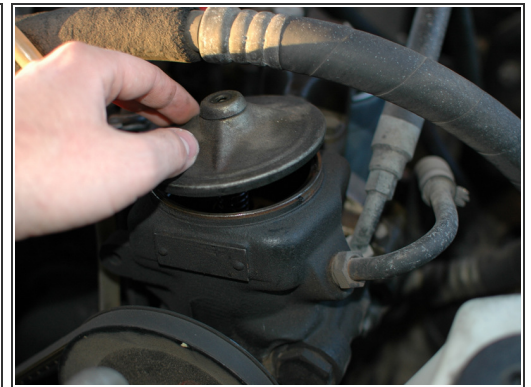
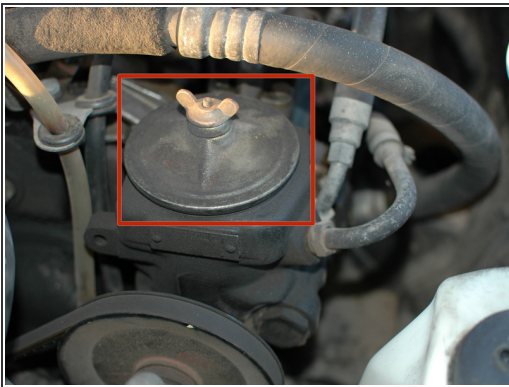
- [Mercedes-Benz Approved Power Steering Fluid](#) (1)

Step 1 — How to Change Mercedes W123 Power Steering Fluid and Filter



- Jack up the front of the car so you can turn the steering wheel while the car is stationary.
- [See the guide on jacking up your car](#), if you need guidance on this.

Step 2



- To start the process of changing your power steering fluid, you'll need to remove the lid on the pump reservoir.
- If you want guidance on this, and on checking the fluid level, [see the guide on checking power steering fluid level](#).

Step 3



- With the lid removed you can see that this fluid is a bit low, and is also very dark/dirty.

Step 4



- Remove the nut holding down the spring and plastic retainer, if present. On some cars, there is just a spring as shown in the second picture which should be removed.
- The nut on this car is a 10mm.

Step 5



- Now use your fluid extractor, or turkey baster (never use it in the kitchen again!) to remove enough fluid to get easy access to the filter.
- Dispose of the fluid in your drain pan.

Step 6



- Remove the filter using a pair of needle nose pliers.

Step 7



- See how nasty this is? This may be the original filter, almost 30 years old...
- Nice fresh filter picture, ready for install.

Step 8



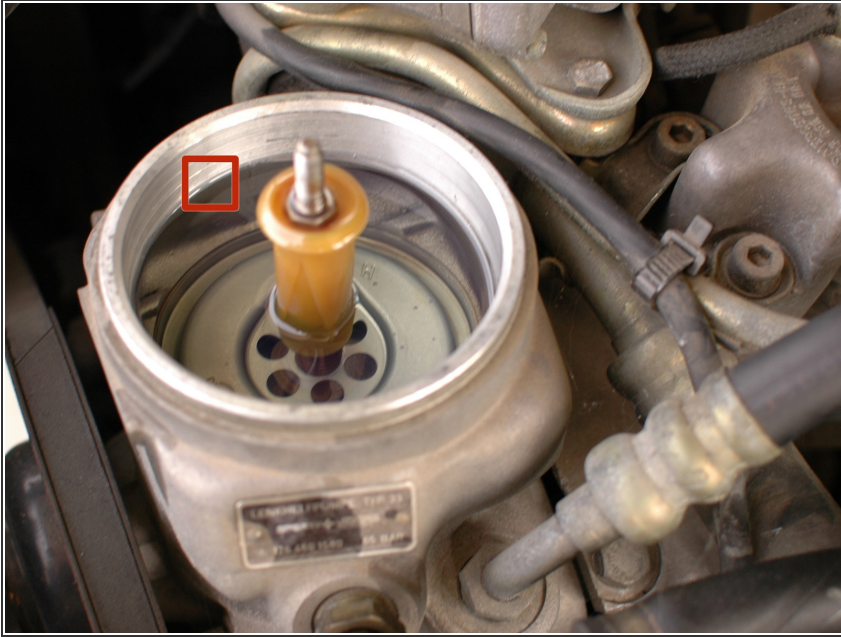
- With the filter out, you can remove the remainder of the fluid in the reservoir.

Step 9



- Install your new filter. Install it with the holes facing upwards, as shown.

Step 10



- Replace the spring, retainer and nut over the filter and tighten down. The spring should still have some room to expand and contract but should be snug.
- Fill the reservoir to the bottom of the metal rim around the top of the pump housing.
- This car is getting power steering fluid, instead of automatic transmission fluid. Both are OK. The power steering fluid is clear.
- Now, turn on the engine. Be sure the car is in park or neutral first. Turn the steering wheel left and right, as far as it will go, a few times to get out any air.
- Top off the fluid as needed. Never let the pump run dry.
- If your fluid is very dirty, simply repeat the process of sucking out fluid, putting the filter back in, filling the reservoir, and then running the engine and turning the wheel until it looks clean.

Finish by re-installing the cap and taking it for a test drive.

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